TECHNICAL DATA SHEET

# SAFETY & SECURITY WINDOW FILM

SAFETY & SECURITY LINE

## SAFETY 8 MIL



| | |
|---|---|
| **87%** VISIBLE LIGHT | **8 mil** FILM THICKNESS |
| **220** lb/in BREAK STRENGTH | **ANSI Z97.1** TESTED / RATED TO |

## PERFORMANCE DATA

| | |
|---|---|
| Visible light transmitted (VLT) | **87%** |
| UV rejected | **99%** |
| Total solar energy rejected | **18%** |
| Glare reduction | **1%** |
| Solar reflected / absorbed / transmitted | **9 / 13 / 78%** |
| Visible reflectance int. / ext. | **8 / 8%** |
| Shading coefficient / SHGC | **0.93 / 0.82** |
| Tested / rated to | **ANSI Z97.1** |

## PHYSICAL PROPERTIES

| | |
|---|---|
| Tensile strength (avg.) | **32,000 psi** |
| Break strength | **220 lb/in** |
| Puncture strength | **>125 lb** |
| Elongation | **>150%** |
| Peel strength (adhesion) | **>5 lb/in** |
| Tone / product code | **Clear / FSAF0860100** |
| Roll sizes | **60″ or 72″ × 100′** |

## BENEFITS

- **Safety glazing**
  Homes, offices and glass doors; impact tested to ANSI Z97.1.
- **Holds broken glass in place**
  Keeps shards together to help protect people from flying glass.
- **Delays forced entry**
  Adds time and effort for anyone trying to get through the glass.

**Impact tested to ANSI Z97.1-2015 and CPSC 16 CFR 1201.** 8 mil film on ¼″ annealed glass, 48″ drop: passed, unlimited size class. Independent lab, 2023.

## THICKNESSES (MIL)

4 | 7 | **8** | 11 | 12 | 14 | 16 | 18 | 21 | 24

All tested materials were applied on a ¼″ clear glass surface in accordance with industry standard tests. Data is for comparison purposes only. Also available as an exterior film.

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